

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-19. (Cancelled)

20. (New) A probe for simulating refrigerated product temperature in a refrigeration display case, comprising:

a housing including a thermal mass having thermo-physical properties similar to refrigerated food product contained therein and at least one magnet;

a temperature sensing element operable to measure a temperature of said thermal mass; and

a communication device connected to said temperature sensing element and operable to wirelessly transmit measured temperature data from the refrigeration display case to a remote receiver.

21. (New) The probe of Claim 20, wherein said at least one magnet is disposed within said housing, said magnets operable to removably attach said housing to the refrigeration display case.

22. (New) The probe of Claim 20, wherein said at least one magnet is mounted to an external surface of said housing, said magnets operable to removably attach said housing to the refrigeration display case.

23. (New) The probe of Claim 20, wherein said communication device is a transmitter.

24. (New) The probe of Claim 20, wherein said communication device is a transceiver.

25. (New) A probe for simulating refrigerated product temperature in a refrigeration display case, comprising:

a housing including a thermal mass having thermo-physical properties similar to refrigerated food product contained therein and an attachment mechanism disposed on an outer surface of said housing to selectively attach said housing to the refrigeration display case;

a temperature sensing element operable to measure a temperature of said thermal mass; and

a communication device connected to said temperature sensing element and operable to wirelessly transmit measured temperature data from the refrigeration display case to a remote receiver.

26. (New) The probe of Claim 25, wherein said attachment mechanism includes at least one magnet.

27. (New) The probe of Claim 25, wherein said attachment mechanism includes an attachment bracket fixedly attached to an external surface of said housing.

28. (New) The probe of Claim 27, wherein the refrigeration display case includes a slot for matingly receiving said bracket of said attachment mechanism.

29. (New) The probe of Claim 25, wherein said communication device is a transmitter.

30. (New) The probe of Claim 25, wherein said communication device is a transceiver.

31. (New) A probe for simulating refrigerated product temperature in a refrigeration display case, comprising:

- a housing including a thermal mass having thermo-physical properties similar to refrigerated food product contained therein;

- a temperature sensing element operable to measure a temperature of said thermal mass; and

a communication device connected to said temperature sensing element and operable to wirelessly transmit measured temperature data from the refrigeration display case to a remote receiver;

wherein said housing includes a plate defining a first compartment housing said thermal mass and a second compartment housing said communication device.

32. (New) The probe of Claim 31, wherein said plate includes a channel allowing communication between said first compartment and said second compartment.

33. (New) The probe of Claim 32, wherein said temperature sensing element extends into said channel to monitor a temperature of said thermal mass.

34. (New) The probe of Claim 31, wherein said plate further includes a gasket, said gasket operable to seal said second compartment.

35. (New) The probe of Claim 31, wherein said communication device is a transmitter.

36. (New) The probe of Claim 31, wherein said communication device is a transceiver.